

# Raw Sequence Listing Error Summary

## ERROR DETECTED SUGGESTED CORRECTION

SERIAL NUMBER: 08/949544

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1        **Wrapped Nucleics**      The number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 2        **Wrapped Aminos**      The amino acid number/text at the end of each line "wrapped" down to the next line.  
This may occur if your file was retrieved in a word processor after creating it.  
Please adjust your right margin to .3, as this will prevent "wrapping".
- 3        **Incorrect Line Length**      The rules require that a line not exceed 72 characters in length. This includes spaces.  
All text must be visible on page.
- 4        **Misaligned Amino Acid Numbering**      The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.
- 5        **Non-ASCII**      This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.  
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.
- 6        **Variable Length**      Sequence(s)        contain n's or Xaa's which represented more than one residue.  
As per the rules, each n or Xaa can only represent a single residue.  
Please present the maximum number of each residue having variable length and  
Indicate in the (ix) features section that some may be missing.
- 7        **Wrong Designation**      Sequence(s)        contain amino acid or nucleic acid designators which are not standard representations as per the Sequence Rules (Please refer to paragraph 1.822)
- 8        **Skipped Sequences (OLD RULES)**      Sequence(s)        missing. If intentional, please use the following format for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X:  
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")  
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:  
This sequence is intentionally skipped  
  
Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).
- 9        **Skipped Sequences (NEW RULES)**      Sequence(s)        missing. If intentional, please use the following format for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 10        **Use of n's or Xaa's (NEW RULES)**      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 11        **Use of <213>Organism (NEW RULES)**      Sequence(s)        are missing this mandatory field or its response.
- 12        **Use of <220>Feature (NEW RULES)**      Sequence(s)        are missing the <220>Feature and associated headings.  
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"  
Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)  
(Sec. 1.823 of new Sequence Rules)
- 13        **PatentIn ver. 2.0 "bug"**      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing).  
Instead, please use "File Manager" or any other means to copy file to floppy disk.

PAGE: 1

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/940,544

DATE: 04/21/1999

TIME: 13:40:00

Input Set: H940544.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

Does Not Comply  
Corrected Diskette Needed

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1  <110> APPLICANT: SADELAIN, MICHEL
2      CHEUNG, NAI-KONG V.
3      KRAUSE, ANJA
4      GUO, HONG-FEN
5  <120> TITLE OF INVENTION: FUSION PROTEINS OF A SINGLE CHAIN ANTIBODY AND CD28 AND
6      USES THEREOF
7  <130> FILE REFERENCE: MSK.P-035-US
8  <140> CURRENT APPLICATION NUMBER: US/08/940,544
9  <141> CURRENT FILING DATE: 1997-09-30
10 <150> EARLIER APPLICATION NUMBER: PCT/US97/04427
11 <151> EARLIER FILING DATE: 1997-03-20
12 <160> NUMBER OF SEQ ID NOS: 4
13 <170> SOFTWARE: PatentIn Ver. 2.0
14 <210> SEQ ID NO 1
15 <211> LENGTH: 27
16 <212> TYPE: DNA
17 <213> ORGANISM: HUMAN
18 <220> FEATURE:
19 <223> OTHER INFORMATION: Upstream primer for PCR amplification.
20 <400> SEQUENCE: 1
21      gcggccgcaa ttgaagttat gtatcct
22 <210> SEQ ID NO 2
23 <211> LENGTH: 30
24 <212> TYPE: DNA
25 <213> ORGANISM: HUMAN
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Downstream primer for PCR amplification.
28 <400> SEQUENCE: 2
29      tgcaggatct tgtcaggagc gataggctgc
30 <210> SEQ ID NO 3
31 <211> LENGTH: 717
32 <212> TYPE: DNA
33 <213> ORGANISM: HUMAN
34 <220> FEATURE:
35 <223> OTHER INFORMATION: 5F11-scFv
36 <400> SEQUENCE: 3
W--> 37      caggtgaaac tgcagcagtc aggacctgaa ctggtgagc ctggggcttc agtgaagata 60
W--> 38      tctctgaaga cttctggana caaattcact gaatacacca tgcactgggt gaagcagagc 120
39      catggaaaga gccttgagt gattggaggt attaatecta acaatgggtg tactaactac 180
40      aagcagaagt tcaagggcaa ggccacattg actgtagaca agtcctccag cacagcctac 240
41      atggagctcc gcagcctgac atctgaggat tctgcagtct attactgtgc aagagatact 300
42      acggtcccgt ttgcttactg ggtccaaggg accacggtca cegtctcttc aggtggaggc 360
43      ggttcaggcg gaggtggctc tggcggtggc ggatcggaca tgcagctcac tcagtctcca 420
44      gcaatcatgt ctgcatctcc aggggagaag gtcaccatga cctgcagtgg cagctcaagt 480

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*see item 10 on Eva Summary Sheet*

PAGE: 2

RAW SEQUENCE LISTING  
PATENT APPLICATION US/08/940,544

DATE: 04/21/1999  
TIME: 13:40:00

Input Set: H940544.RAW

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45      ataagttaca tgcactggta ccagcagaag cctgtcacct ccccccaaaag atggatttat 540
46      gacacatcca aactggcttc tggagtcacct gctcgtttca gtggcagtgg gtctggggacc 600
47      tcttattctc tcacaatcag cagcatggag gctgtagatg ctgccactta ttactgcat 660
48      cagcggagta gttacccgct cacgttcggg gctgggacac agttggaaat aaaacgg 717
49      <210> SEQ ID NO 4
50      <211> LENGTH: 714
51      <212> TYPE: DNA
52      <213> ORGANISM: HUMAN
53      <220> FEATURE:
54      <223> OTHER INFORMATION: 3G6-scFv
55      <400> SEQUENCE: 4
56      agtattgtga tgaccagac tcccaaattc ctgcttgtat cagcaggaga cagggttacc 60
57      ataacctgca aggccagtca gagtgtgagt aatgatgtgg cttggtacca acagaagcca 120
58      gggcagtctc cgaaactgct gatatactct gcatccaatc gctacactgg agtccctgat 180
59      cgcttcactg gcagtggata tgggacggat ttcactttca ccatcagcac tgtgcaggct 240
60      gaagacctgg cagtttattt ctgtcagcag gattatagct cgctcggagg ggggaccaag 300
61      ctggaaataa aaggtggagg cggttcaggc ggaggtggct ctggcgggtg cggatcgag 360
62      gtgcagggtga aggagtcagg acctggcctg gtggcgccct cacagagcct gtccatcact 420
63      tgcactgtct ctgggttttc attaaccaat tatggtgtac actgggttcg ccagcctcca 480
64      ggaaagggtc tggagtggct gggagtaata tgggctgggtg gaagcacaaa ttataattcg 540
65      gctcttatgt ccagactgag catcagcaag gacaactcca agagccaagt tttcttaaaa 600
66      atgaacagtc tgcaaactga tgacacagcc atgtactact gtgccagtcg ggggggtaac 660
67      tacggctatg ctttggacta ctgggggtcaa ggaacctcag tcaccgtctc ctca 714

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VERIFICATION SUMMARY  
PATENT APPLICATION US/08/940,544DATE: 04/21/1999  
TIME: 13:40:00

Input Set: H940544.RAW

Line	Error/Warning	Original Text
37	W "N" or "Xaa" used: Feature required	caggtgaaac tgcagcagtc aggacctgaa ctggtgna
38	W "N" or "Xaa" used: Feature required	tcctgcaaga cttctggana caaattcact gaatacac